

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/000107

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J29/70 B01J23/46 B01J31/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 199 13 395 A (HOELDERICH WOLFGANG) 28 September 2000 (2000-09-28) cited in the application page 5, line 48 - line 56 page 12, line 16 - line 20 page 14, line 44 - line 65 page 15, line 5 - line 24	
A	WO 02/36261 A (HUTCHINGS GRAHAM JOHN ; ICI PLC (GB); HEMS WILLIAM PATRICK (GB)) 10 May 2002 (2002-05-10) cited in the application page 2, line 26 - page 5, line 26; claims 1-7; example 3	
A	DE 198 20 411 A (HOELDERICH WOLFGANG F) 27 January 2000 (2000-01-27) claim 1; example 2	

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

5 May 2004

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12/05/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>REGE DE F M ET AL: "NON-COVALENT IMMOBILIZATION OF HOMOGENEOUS CATIONIC CHIRAL RHODIUM-PHOSPHINE CATALYST ON SILICA SURFACES" CHEMICAL COMMUNICATIONS, ROYAL SOCIETY OF CHEMISTRY, GB, 2000, pages 1797-1798, XP001069484 ISSN: 1359-7345</p>	
A	<p>WO 01/64637 A (DIFFERDING EDMOND ;SURTEES JOHN (BE); UCB FARCHIM S A AG LTD (CH);) 7 September 2001 (2001-09-07) cited in the application</p>	

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International Application No
PCT/EP2004/000107

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
DE 19913395	A	28-09-2000	DE	19913395 A1	28-09-2000
WO 0236261	A	10-05-2002	AU	1247002 A	15-05-2002
			EP	1390142 A2	25-02-2004
			WO	0236261 A2	10-05-2002
DE 19820411	A	27-01-2000	DE	19820411 A1	27-01-2000
WO 0164637	A	07-09-2001	AU	5214401 A	03-09-2001
			AU	7389601 A	12-09-2001
			BG	107004 A	30-04-2003
			BG	107016 A	30-04-2003
			BR	0108657 A	29-04-2003
			BR	0108664 A	29-04-2003
			CA	2401033 A1	30-08-2001
			CA	2401048 A1	07-09-2001
			CN	1404469 T	19-03-2003
			CN	1404470 T	19-03-2003
			CZ	20022849 A3	12-02-2003
			CZ	20022850 A3	12-02-2003
			WO	0164637 A1	07-09-2001
			WO	0162726 A2	30-08-2001
			EP	1265862 A2	18-12-2002
			EP	1263727 A1	11-12-2002
			HU	0204526 A2	28-04-2003
			HU	0300196 A2	28-06-2003
			JP	2003523996 T	12-08-2003
			JP	2003528828 T	30-09-2003
			NO	20023995 A	21-10-2002
			NO	20023997 A	22-10-2002
			NZ	520448 A	26-03-2004
			US	2003120080 A1	26-06-2003
			US	2003040631 A1	27-02-2003